iTero®

Lab Connector Flows

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align

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Revision History

Revision Number	Revision Date	Nature of Revision
1		Initial version
2	03 Apr 2022	Typos
3	08 Jun 2023	Minor fixes

Introduction

3rd party integrating its software to iTero using the Lab Connector generic API has to be familiar with all optional flows of a case. In most cases, scans are sent from the clinic to the lab (in a 'Direct to Lab' configuration), but there are other optional flows. Cases can also be sent to a lab from modeling, or from the clinic after re-scanning. The 3rd party software has to support and process all coming cases based on their order ID (that is not changed), status, and history.

Flows

The table below lists all optional flows for a scan. 3rd party integration should support all relevant flows so all scans are handled the correct way:

	Scenario	Description	Scan Status
1	After 1st scanning (direct to lab)	The scan is sent from clinic to lab (the straightforward flow)	Ready for Download
2	After modeling	The lab can choose to send the case to modeling (this is done via myitero portal). Once the scan is ready, it is sent back from modeling to the lab.	Lab Review
3	After 2nd scanning	The lab can choose to send the case back to the doctor (via API or myitero portal). The doctor rescans and sends it back to the lab.	Ready for Download
4	The case is sent to milling (physical model) by the lab	Lab requests a physical model (via myitero portal). The case will go through two steps: 1. Modeling (before milling) – case is sent to the lab after modeling for approval.	The case gets different status for each step: 1. After modeling - Lab review After modeling, confirmation statuses are:

	Scenario	Description	Scan Status
		Confirmation is done via myitero portal, clicking 'Proceed' 2. Milling - Lab confirms modeling and model is sent to milling	1. iTero Milling 2. Ready to Ship 3. Downloaded
5	After interpretation 2 phase (milling flow)	In rare cases, a modeler can decide to have the scan go through interpretation 2 after it is modeled (before milling). Then, there are two options: 1. Send the scan directly to milling – This is usually the next step, and the flow is like regular milling. 2. Send the model back for review at the lab – not likely but can happen	The case gets different status for each step: 1. After modeling - Lab review After modeling, confirmation statuses are: 1. Lab Review - if the case was sent back after interpretation 2 2. iTero Milling 3. Ready to Ship 4. Downloaded

Which cases are listed in GetOrders or When a scan notification is triggered?

- GetOrders API returns cases that are in "Ready for Download" and "Lab Review".

- Notification will be triggered when a case status is changed to "Ready for Download" or "Lab Review".